AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status

identifier in parentheses, underlined text indicating insertions, and strikethrough

and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS:

1. (Currently Amended) An overwrite method of an optical disc, comprising the step of

performing a replacement recording on a data area within the optical disc with

overwrite-requested data in a specific recording-completed area within the optical disc

in a sequential recording mode (SRM) wherein a logical overwrite is executed to

maintain continuity of a user data area by the replacement recording wherein if the

overwrite in an open SRR area within the optical disc is requested, the replacement

recording is executed from next writable area within the open SRR.

2. (Cancelled)

3. (Original) The overwrite method of claim 1, wherein if the overwrite in a closed SRR

area within the optical disc is requested, the replacement recording is executed within

a spare area.

4. (Original) The overwrite method of claim 3, wherein if the overwrite in the closed

SRR area within the optical disc is requested, the spare area for the replacement

recording is an outer spare area (OSA).

5. (Original) The overwrite method of claim 4, wherein the outer spare area (OSA) is

allocated on disc initialization.

6. (Original) The overwrite method of claim 5, wherein a size of he outer spare area

(OSA) allocated on the disc initialization is N*256 clusters where $N \le 768$.

7. (Original) The overwrite method of claim 3, wherein if the closed SRR area is located

on an inner disc circumference, the spare area for the replacement recording is an

inner spare area (ISA).

8. (Original) The overwrite method of claim 7, wherein the closed SRR area located on

the inner disc circumference is an area for recording file system information.

9. (Original) The overwrite method of claim 1, wherein after execution of the overwrite,

location information of the overwrite-requested area and the replacement-recorded are

is recorded as management information.

10. (Original) An overwrite method of an optical disc, comprising the step of

performing a replacement recording on a spare area within the optical disc with

overwrite-requested data in a specific recording-completed area within the optical disc

in a random recording mode (RRM) wherein a size of the spare area for allocation is

determined on disc initialization for the replacement recording.

11. (Original) The overwrite method of claim 10, wherein the spare area comprises an

inner spare area (ISA) on an inner circumference of the optical disc and an outer spare

area (OSA) on an other circumference of the optical disc.

12. (Original) The overwrite method of claim 11, wherein a size of he outer spare area

(OSA) allocated on the disc initialization is N*256 clusters where $N \le 768$.

13. (Original) The overwrite method of claim 11, wherein a size of the inner spare area

9ISA) allocated on the disc initialization is fixed.

14. (Original) In performing a recording on a write-once optical disc in a recording

mode selected from the group consisting of a sequential recording mode (SRM) and a

random recording mode (RRM), a write-once optical disc overwriting method

comprising the steps of:

determining a replacement recording area for an overwrite according to the

recording mode if the overwrite on a user data area within the optical disc is

requested; and

executing a logical overwrite.

15. (Original) The overwrite method of claim 14, wherein if the recording mode is the

sequential recording mode (SRM), the replacement recording is performed on NWA

within the user data area or a spare area.

16. (Original) The overwrite method of claim 14, wherein if the recording mode is the

random recording mode (RRM), the replacement recording is performed on a spare

area.

17. (Original) A recording/reproducing apparatus for a write-once optical disc,

comprising:

a control unit delivering a recording command requesting a recording execution

on a specific area; and

a recording/reproducing unit deciding whether the specific area is a recording-

completed area or a non-recorded area, the recording/reproducing unit performing a

replacement recording on another area within a data area if the specific area is the

recording-completed area, the recording/reproducing unit executing the replacement

recording by differentiating the replacement-recorded area according to a disc

recording mode.

18. (New) An apparatus for overwriting data on an optical disc, comprising:

a pickup unit configured to write data on the optical disc; and

a controller, operatively coupled to the pick up, configured to control the pickup

unit to perform a replacement recording on a data area within the optical disc with

overwrite-requested data in a specific recording-completed area within the optical disc

in a sequential recording mode wherein if the overwrite in an open SRR area within

the optical disc is requested, the replacement recording is executed from next writable

area within the open SRR.

19. (New) The apparatus of claim 18, wherein said controller configured to control the

pickup unit to write location information of the overwrite-requested area and the

replacement-recorded area is recorded as management information, after execution of

the overwrite.

20. (New) The method of claim 9, wherein the location information is recorded in a

temporary management area.

21. (New) The apparatus of claim 19, wherein the location information is recorded in a

temporary management area.

22. (New) An optical disc, comprising:

a data area configured to allocate an open SRR in a sequential recording mode,

wherein if overwriting data in a specific recording-completed area in an open SRR area

is requested, a replacement recording is executed from next writable area within the

open SRR; and,

a temporary management area configured to store location information of an

overwrite-requested area and a replacement-recorded area.